

# Converting Colors

Hex(3C759C)

Have a look what the booklet for  
Hex(3C759C) contains.

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# Color

Hex(3C759C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C759C
RGB	60, 117, 156
RGB Percent	24%, 46%, 61%
CMY	0.7647, 0.5412, 0.3882
CMYK	0.62, 0.25, 0.00, 0.39
HSL	204°, 44%, 42%
HSV	204°, 62%, 61%
XYZ	14.2255, 16.0835, 33.8072
YIQ	104.4030, -46.4910, 0.0450

# Conversions

## Conversions Part 2

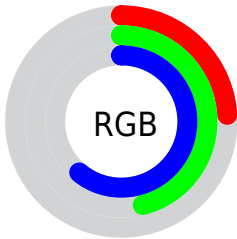
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 96, 156
Decimal	3962268
CIELab	47.08, -6.44, -26.66
CIELCh	47, 27.432, 256.412
Yxy	16.0835, 0.2219, 0.2508
Android (android.graphics.Color)	4282152348 (0xFF3C759C)
YUV	104.4030, 25.4373, -38.9414
Hunter-Lab	40.1043, -6.8662, -21.9074

# Details

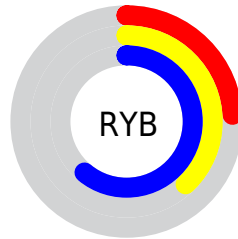
The Hex color **3C759C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9C633C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **74A9D3**, and **004569** is the 20% darker color. If you saturate the color by 10%, you get **2C6F9C**, and if you desaturate by 10%, it is **4C7B9C**.

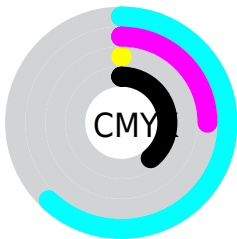
# Distribution



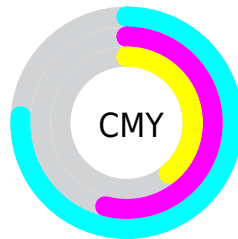
- Red (24%)
- Green (46%)
- Blue (61%)



- Red (24%)
- Yellow (38%)
- Blue (61%)



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (54%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C759C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3C759C by changing the saturation by 10% instead.



■ 3C759C

■ 3C759C

FFFFFF

■ 1C5C82

■ 74A9D3

■ 004569

■ 90C4EF

■ 002F50

■ ACE0FF

■ 001B39

■ C8FDFF

■ 000223

■ E5FFFF

■ 00000B

■ 000000

■ 3C759C

■ 3C759C

■ 2C6F9C

■ 4C7B9C

■ 1D689C

■ 5B829C

■ 0D629C

■ 6B889C

■ 005D9C

■ 7A8E9C

■ 8A959C

■ 9A9B9C

■ A9A19C

■ B9A89C

■ C8AE9C

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157A90



3C759C



636E9C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3C759C



9D5E64



58784F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3C759C



9C633C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



727243



3C759C



97634F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3C759C



965F7B



886B43



3B7B64

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3C759C



796895



886B43



61764A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3C759C



A7BDCC



3C9C62



505D66



E6E6E6



666666



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3C759C



358FCC



3C469C



474C4F



00558F



00090F



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9C3C75



CC358F



9C923C



4F474C



8F0055



0F0009



# Previews

## White Background



This preview shows how the Hex color 3C759C looks on a white background.

## Color Contrast Check

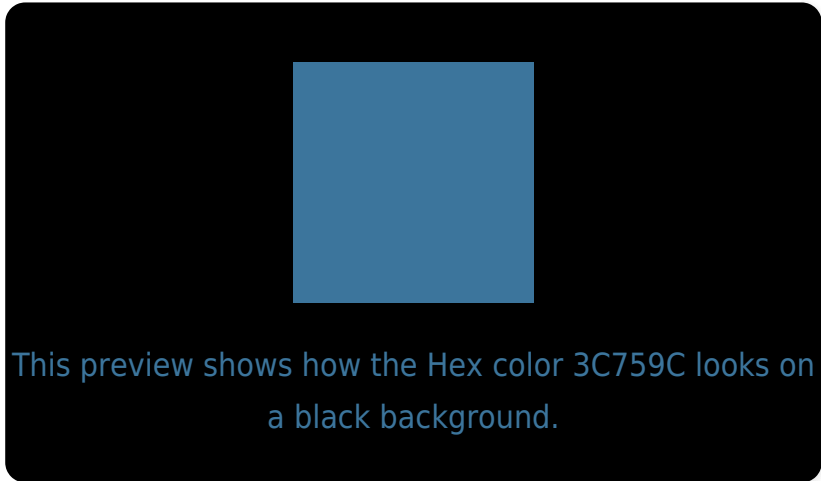
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

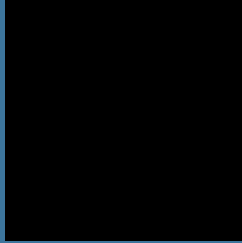
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

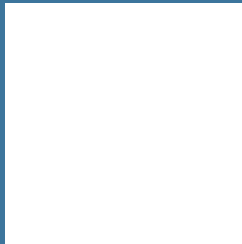
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C759C Background



This preview shows how black text looks on a background with the Hex color 3C759C.



This preview shows how white text looks on a background with the Hex color 3C759C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

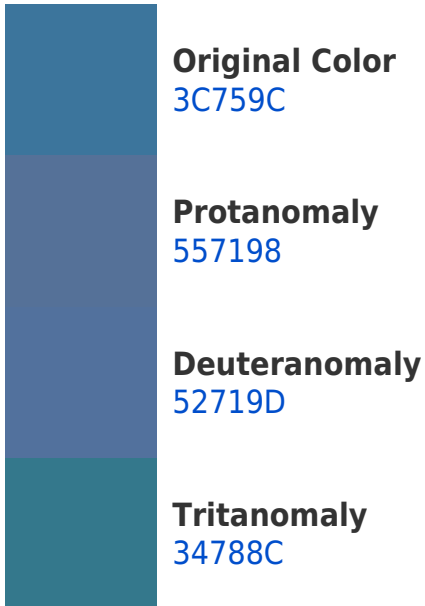
## Dichromacy



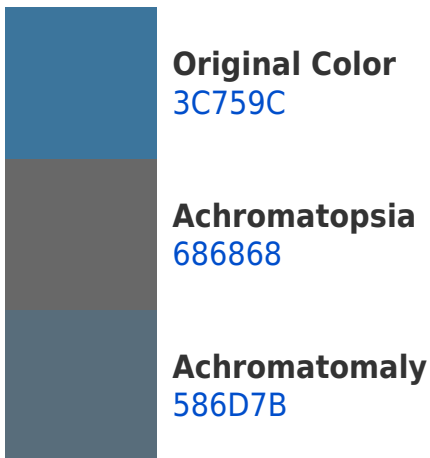


**Tritanopia**  
307A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C759C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3C759C looks like.

```
.text, #text, p{  
    color:#3C759C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3C759C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C759C
}
```

## Border

The CSS property to change the border of an element to Hex 3C759C is called "border". The border property can be set on classes, ids or directly on the HTML element.

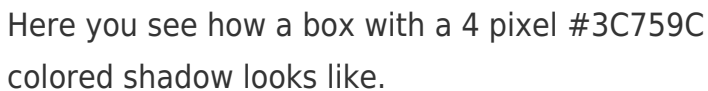
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C759C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3C759C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #3C759C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C759C; -webkit-box-shadow:4px 4px  
4px 4px #3C759C; box-shadow:4px 4px 4px  
4px #3C759C }
```

# Background

The CSS property to change the background color of an element to Hex 3C759C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C759C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3C759C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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